

US 20090213066A1

## (19) United States

## (12) Patent Application Publication HARDACKER et al.

(10) Pub. No.: US 2009/0213066 A1

(43) **Pub. Date:** Aug. 27, 2009

## (54) ONE BUTTON REMOTE CONTROL WITH HAPTIC FEEDBACK

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(21) Appl. No.: 12/034,758

(22) Filed: Feb. 21, 2008

## Publication Classification

(51) **Int. Cl.** *G09G 5/00* (2006.01)

(57) ABSTRACT

An input system for a TV remote control or other system has a single touch surface with a deformable haptic assembly below the touch surface such that a user placing a finger on the touch surface can feel deformation of the haptic assembly. A pressure sensing assembly is below the haptic assembly and sensing motion of a finger on the touch surface, with a processor receiving input from the pressure sensing assembly and providing output to the haptic assembly in response. Also, a display receives input sent by the processor in response to input from the pressure sensing assembly to cause the display to present a changing image of a keypad as a user moves a finger on the touch surface.

